

## Product datasheet for **MR215680L3V**

### **Plb1 (NM\_172147) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Plb1 (NM_172147) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Plb1
Synonyms:	4632413E21Rik; 4930433E17Rik; 4930539A06Rik; BC033606
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_172147
ORF Size:	558 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR215680).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	<a href="#">NM_172147.2</a> , <a href="#">NP_742159.1</a>
RefSeq Size:	763 bp
RefSeq ORF:	561 bp
Locus ID:	665270
Cytogenetics:	5 B1



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**Gene Summary:**

Membrane-associated phospholipase. Exhibits a calcium-independent broad substrate specificity including phospholipase A2/lysophospholipase activity. Preferential hydrolysis at the sn-2 position of diacylphospholipids and diacylglycerol, whereas it shows no positional specificity toward triacylglycerol. Exhibits also esterase activity toward p-nitrophenyl. May act on the brush border membrane to facilitate the absorption of digested lipids (By similarity). [UniProtKB/Swiss-Prot Function]